

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

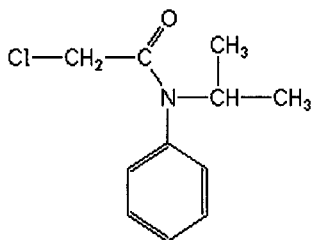
Analyte: Propachlor

CAS No.: 1918-16-7

Formula: C₁₁H₁₄ClNO

Molecular mass (lowest isotopes): 211,08 amu

Structure:



Ionisation: ESI +

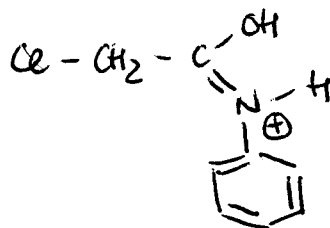
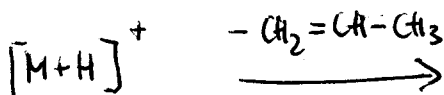
Quasimolecular ion: 212,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

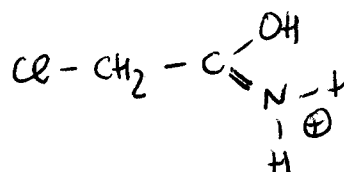
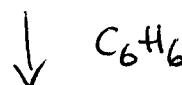
Transition	212,1 → 170,0	212,1 → 94,1
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	14 V	12 V
Collision energy (CE)	21 V	37 V
Collision cell exit potential (CXP)	10 V	6 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

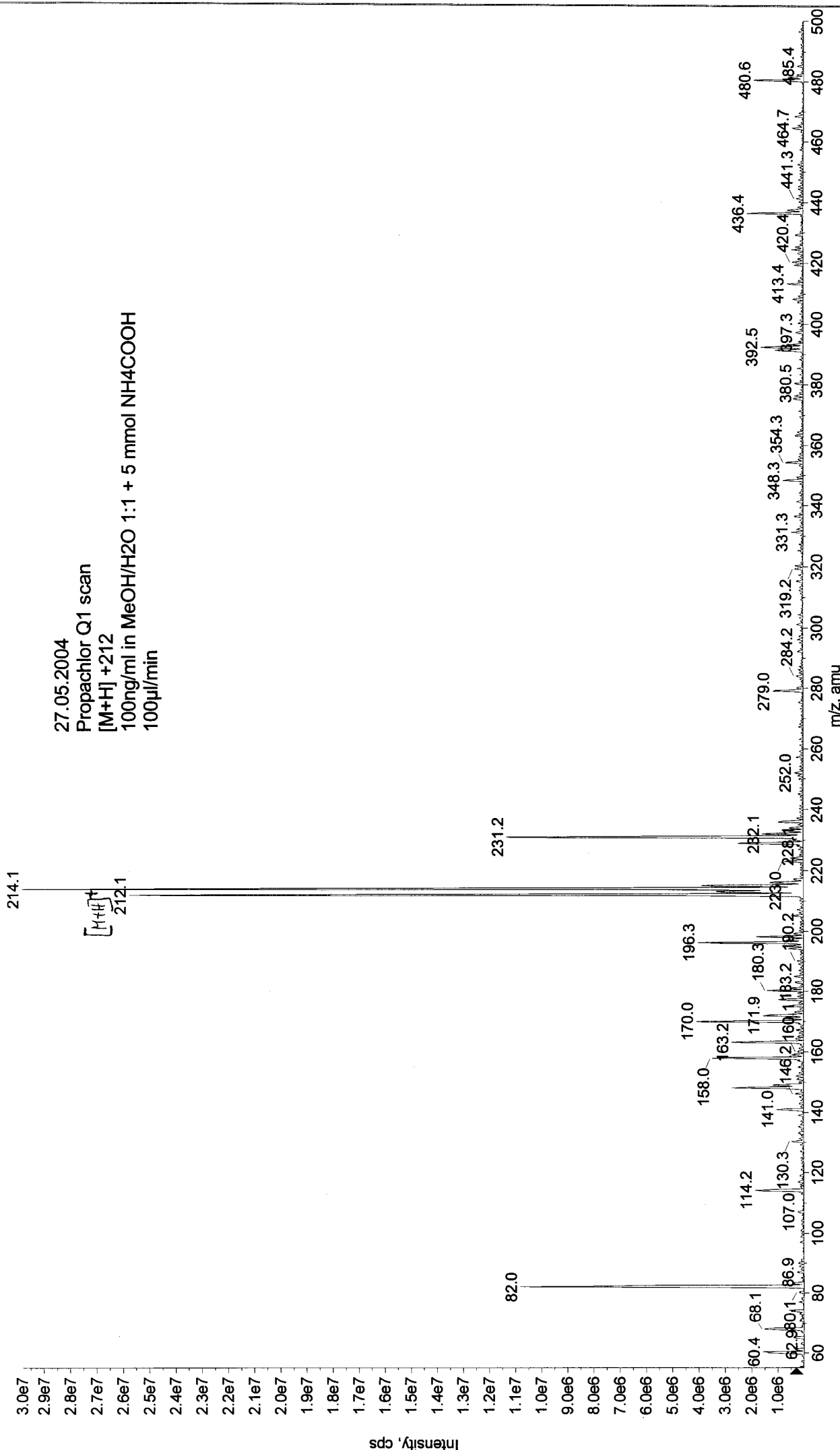


m/z 170

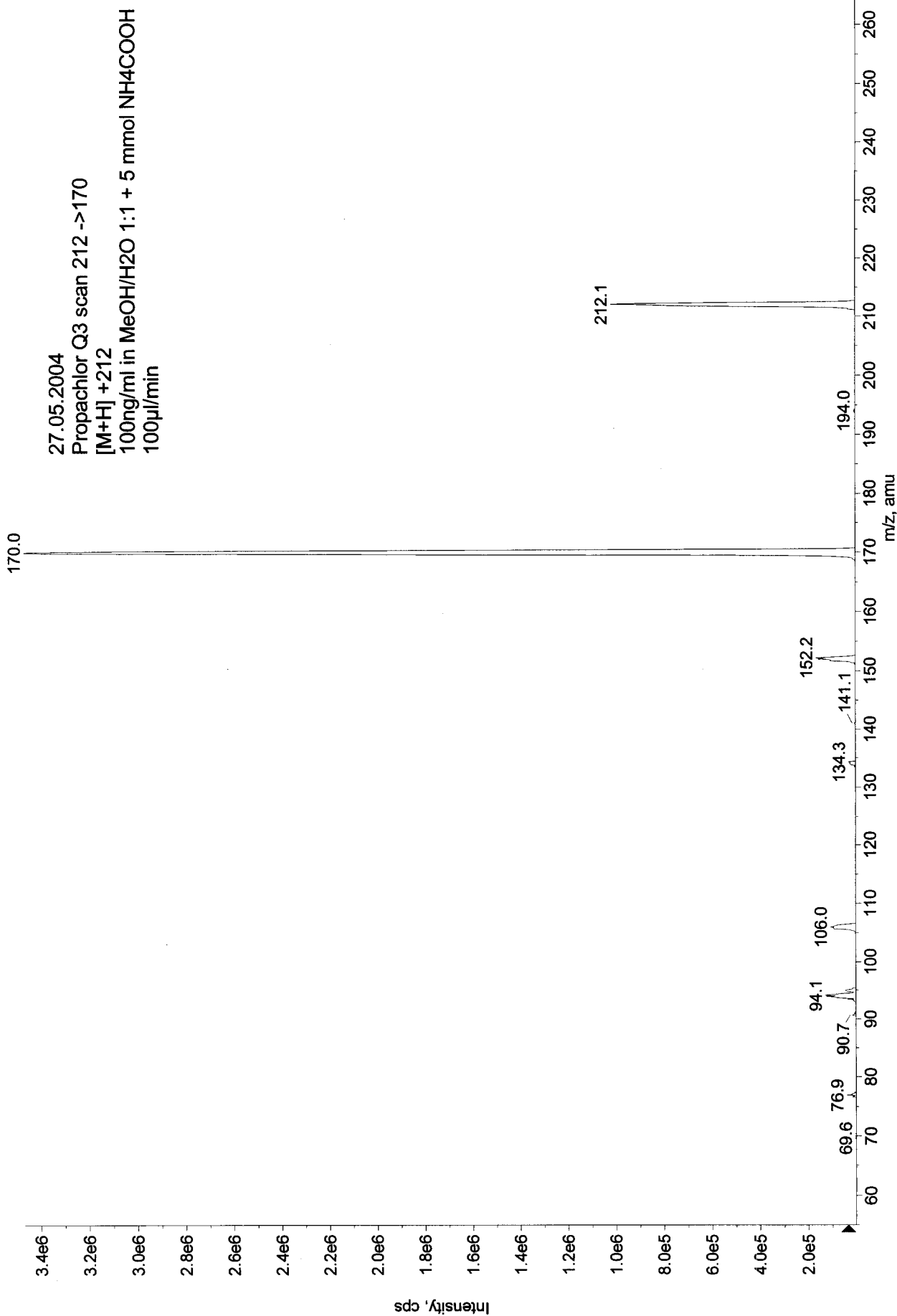


m/z 94

■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040527131653.wiff (Turbo Spray) Max: 3.0e7 cps



■ +MS2 (212.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040527132005.wiff (Turbo Spray) Max. 3.5e6 cps.



Max. 1.5e6 cps

■ +MS2 (212.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040527133132.wiff (Turbo Spray)

